


STATE OF NEW HAMPSHIRE  
INTRA-DEPARTMENT COMMUNICATION

FROM

  
Matt Urban  
Wetlands Program Manager

DATE

December 22, 2017

AT (OFFICE)

Bureau of Environment

SUBJECT

Wetland Bureau Permit # 2017-01405  
Lebanon, 15880

TO

Tobey Reynolds, Bureau of Highway Design

Forwarded herewith, for your files and further use as appropriate, is a copy of the subject permit as approved by the Wetlands Bureau and the Water Division on 08/16/2017.

**Please note specific conditions on permit.**

TERRAIN ALTERATION

Note that the non-site specific permit (RSA 485-A: 17 "Terrain Alteration") is part of this Wetlands Bureau Permit.

WATER QUALITY CERTIFICATION

- ☒ This permit covers the project's consideration for Water Quality protection and no further action is required by this office.
- ☐ This permit does not cover the Water Quality protection for this project. However, a Water Quality Permit will be obtained for this project.

CORPS PERMIT STATUS

- ☐ No Corps Jurisdiction
- ☐ SPGP (Minimum Impact) - No waiting period; no Corps approval required
- ☐ SPGP (Minor Impact)-Wait 30 days from NHWB issuance date; no written approval from Corps required
- ☒ SPGP (Major Impact)-Wait 30 days from NHWB issuance date; written approval from Corps required
- ☐ Emergency - No waiting period; No written approval from Corps required
- ☐ Amendment - No waiting period; No written approval from Corps required
- ☐ Corps Individual Permit Required

COASTAL ZONE MANAGEMENT (CZM) STATUS

- ☒ Outside of Coastal Zone-consistency finding not necessary from OSP
- ☐ Within Coastal Zone (Non-Federal Action)-consistency finding not necessary from OSP
- ☐ Within Coastal Zone (Federal Action)-if covered by SPGP, or no Corps' jurisdiction, consistency finding is automatic from OSP
- ☐ Within Coastal Zone (Federal Action)-if individual Corps permit, written consistency finding is necessary from OSP

EROSION CONTROL PLAN STATUS

- ☐ Erosion Control Plan Required; Submit Erosion Control Plan to DES Wetlands Bureau

If you have any questions, please call 271-3226.

MRU:sel  
Encl.

cc:  
BOE Original  
Gary Springs, Environmental Coordinator  
Lysa Bennet-Crouch, Bureau of Highway Design  
Cathy Corliss, Highway Design  
Meli Dube, Environmental Manager



## Department of Environmental Services



Robert R. Scott, Commissioner

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**WETLANDS AND NON-SITE SPECIFIC PERMIT 2017-01405**

**Permittee:** NH DEPT. OF TRANSPORTATION  
P.O. BOX 483  
CONCORD, NH 03302-0483

**Project Location:** INTERSTATE 89 (BETWEEN MM 65.65 & MM 60.0), LEBANON  
TAX MAP/LOT NO: ROW / ROW

**Waterbody:** MASCOMA RIVER

**NOTE CONDITIONS**

RECEIVED  
BUREAU OF ENVIRONMENT  
DEC 19 2017  
NH DEPARTMENT OF  
TRANSPORTATION

**APPROVAL DATE:** AUGUST 16, 2017

**EXPIRATION DATE:** AUGUST 16, 2022

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Based upon review of the above referenced application, in accordance with RSA 482-A and RSA 485-A:17, a Wetlands Permit and Non-Site Specific Permit was issued. This permit shall not be considered valid unless signed as specified below.

**PERMIT DESCRIPTION:** Repair, replace or install slope pipes, cross pipes and headwalls impacting 28,995 sq. ft. (20,299 sq. ft. temporary) of palustrine and riverine wetlands. Compensatory mitigation includes a one-time payment of \$51,948.48 to the Aquatic Resource Mitigation Fund. NHDOT project 15880

**THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC CONDITIONS:**

1. All work shall be in accordance with plans by NHDOT Bureau of Highway Design dated May 2017, as received by the Department on May 18, 2017.
2. This permit is contingent upon the submission of an appropriate plan or report stamped by the wetland scientist.
3. Dredged material shall be placed out of the NHDES Wetlands Bureau jurisdiction.
4. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized.
5. Construction equipment shall not be located within surface waters.
6. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, with a preferred undisturbed vegetated buffer of at least 50 feet and a minimum undisturbed vegetative buffer of 20 feet.
7. Within three days of the last activity in an area, all exposed soil areas, where construction activities are complete, shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack on slopes steeper than 3:1 or netting /matting and pinning on slopes steeper than 2:1.
8. Where construction activities have been temporarily suspended within the growing season, all exposed soil areas shall be stabilized within 14 days by seeding and mulching or if temporarily suspended outside the growing season, all exposed areas shall be stabilized within 14 days by mulching, mulching with tack on slopes steeper than 3:1 and stabilized by matting and pinning on slopes steeper than 2:1.
9. The contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
10. Extreme precautions to be taken within riparian areas to limit unnecessary removal of vegetation during road construction and areas cleared of vegetation to be revegetated as quickly as possible.

11. There shall be no further alteration to wetlands or surface waters without amendment of this permit.
12. Standard precautions shall be taken to prevent import or transport of soil or seed stock from nuisance, invading species such as purple loosestrife or Phragmites.
13. An Invasive Species Management Plan will be required in the contract documents."
14. The impacts associated with the temporary work shall be restored immediately following construction
15. Proper headwalls shall be constructed within seven days of culvert installation.
16. Work shall be done during low flow.
17. This approval is not valid until NHDES receives a one-time payment of \$51,948.48 to the NHDES Aquatic Resource Mitigation (ARM) Fund. The applicant shall remit payment to NHDES. If NHDES does not receive payment within 120 days of the date of this approval letter, NHDES will deny the application.

**GENERAL CONDITIONS THAT APPLY TO ALL NHDES WETLANDS PERMITS:**

1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
3. The Wetlands Bureau shall be notified upon completion of work;
4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES-Alteration of Terrain, etc.);
5. Transfer of this permit to a new owner shall require notification to and approval by NHDES;
6. This project has been screened for potential impacts to **known** occurrences of protected species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have only received cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species.
7. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

APPROVED:



Gino Infascelli  
NHDES Wetlands Bureau

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**BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.**

  
OWNER'S SIGNATURE (required)

\_\_\_\_\_  
CONTRACTOR'S SIGNATURE (required)



The State of New Hampshire  
**Department of Environmental Services**

Robert R. Scott, Commissioner



**NOTICE TO RECIPIENTS OF  
MAJOR IMPACT NH WETLANDS PERMITS**

Your permit was approved by the New Hampshire Wetlands Bureau as a major impact project, and your project will be reviewed by the US Army Corps of Engineers for possible approval under the Army Corps New Hampshire State Programmatic General Permit – SPGP. The Army Corps will notify you within thirty (30) days as to whether you qualify.

**\*\*\*NO WORK SHOULD BE DONE IN WETLANDS  
UNTIL YOU RECEIVE THAT NOTICE\*\*\***

If you do not hear from the Army Corps within thirty (30) days, you should call them at 1-800-343-4789 (ME, NH, VT, CT, RI); 1-800-362-4367 (MA).

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cc: US Army Corps of Engineers